

GP/1614



Docket No. 70301/56970

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: WIELAND, H.
SCHMIDT, A.

Examiner: Not Yet Assigned

Serial No. 10/049,968

Group: 1614

Filed: February 13, 2002

For: SUBSTANCES AND AGENTS FOR POSITIVELY
INFLUENCING COLLAGEN

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on 11/07/02.

By: Denise Rose
DENISE A. ROSE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.56 and 1.97, Applicant herewith submits the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

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USSN: 10/049,968

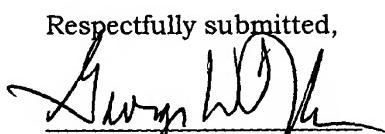
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- X (1) within three (3) months of the filing date or
before the mailing date of the First Office Action on the merits; or
- (2) after the period defined in (1) but before
the mailing date of a Final Rejection or Notice of Allowance, and
the requisite Certification or fee under Rule 1.17(p), namely
\$240.00 is included herein; or
- (3) after the mailing date of a Final Rejection
or Notice of Allowance but before the payment of the Issue Fee,
and the requisite Certification, petition, and petition fee are
included herein.

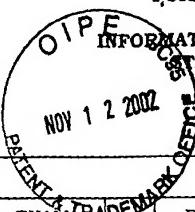
It is respectfully requested that each of the documents shown on the attached
form PTO-1449 be made of record in this application.

Should any fee be associated with the submission of this paper, the
Commissioner is authorized to charge our Deposit Account No. 04-1105.

Date 6 Nov 62

Respectfully submitted,

George W. Neuner
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UNITED STATES PATENT DOCUMENTS							
EXAMINER'S INITIALS	TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES/NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
<input checked="" type="checkbox"/>	cc	TANAKA, et al., "1,25-Dihydroxyvitamin D ₃ Enhances the Enzymatic Activity and Expression of the Messenger Ribonucleic Acid for Aromatase Cytochrome P450 Synergistically with Dexamethasone Depending on the Vitamin D Receptor Level in Cultured Human Osteoblasts", <u>Endocrinology</u> , 137(5):1860-1869 (1996).					
<input checked="" type="checkbox"/>	cd	NEUGARTEN, et al., "Estradiol Suppresses Mesangial Cell Type I Collagen Synthesis via Activation of the MAP Kinase Cascade", <u>American Physiological Society</u> , pp. F875-F881 (1999).					
<input checked="" type="checkbox"/>	ce	STANCZYK, et al., "Androstenedione is an Important Precursor of Dihydrotestosterone in the Genital Skin of Women and is Metabolized via 5 α -Androstanedione", <u>J. Steroid Biochem. Molec. Biol.</u> , 37(1):129-132 (1990).					
<input checked="" type="checkbox"/>	cf	YOU, et al., "Three Different Turkey Luteinizing Hormone Receptor (tLH-R) Isoforms I: Characterization of Alternatively Spliced tLH-R Isoforms and Their Regulated Expression in Diverse Tissues", <u>Biology of Reproduction</u> , 62:108 -116 (2000).					
<input checked="" type="checkbox"/>	cg	LIBBY, P., "Changing Concepts of Atherogenesis", <u>Journal of Internal Medicine</u> , 247:349-358 (2000).					
<input checked="" type="checkbox"/>	ch	LABRIE, et al., "Physiological Changes in Dehydroepiandrosterone Are Not Reflected by Serum Levels of Active Androgens and Estrogens But of Their Metabolites: Introcrinology", <u>Journal of Clinical Endocrinology and Metabolism</u> , 82(8):2403-2409 (1997).					
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<input checked="" type="checkbox"/>	cj	HUGHES, et al., "1,25-Dihydroxyvitamin D ₃ Regulates Estrogen Metabolism in Cultured Keratinocytes", <u>Endocrinology</u> , 138(9):3711- 3718 (1997).					
<input checked="" type="checkbox"/>	ck	HARADA, et al., "Localized Expression of Aromatase in Human Vascular Tissues", <u>Circulation Research</u> , 84:1285-1291 (1999).					
<input checked="" type="checkbox"/>	cl	ARNOLD, S., "Urinary Incontinence in Castrated Bitches. Part 1: Significance, Clinical Aspects and Etiopathogenesis", <u>Schweiz Arch Tierheilkd</u> , 139(6):271-276 (1997). (ABSTRACT)					
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<input checked="" type="checkbox"/>	CM	BENSON, et al., "Synthesis and Secretion of Transforming Growth Factor Beta Isoforms by Primary Cultures of Human Breast Tumour Fibroblasts in Vitro and Their Modulation by Tamoxifen", <u>Br. J. Cancer</u> , 74(3):352-358 (1996). (ABSTRACT)	
<input checked="" type="checkbox"/>	CN	BERKOVITZ, et al., "Aromatase Activity in Cultured Human Genital Skin Fibroblasts", <u>J. Clin. Endocrinol. Metab.</u> , 59(4):665-671 (1984). (ABSTRACT)	
<input checked="" type="checkbox"/>	CO	BERKOVITZ, et al., "Down-Regulation of the Glucocorticoid Receptor by Dexamethasone in Cultured Human Skin Fibroblasts: Implications for the Regulation of Aromatase Activity", <u>J. Clin. Endocrinol. Metab.</u> , 66(5):1029-1036 (1988). (ABSTRACT)	
<input checked="" type="checkbox"/>	CP	BERKOVITZ, et al., "Testosterone Lowers Aromatase Activity in Cultured Human Genital Skin Fibroblasts", <u>Mol. Cell Endocrinol.</u> , 69(2-3):187-197 (1990). (ABSTRACT)	
<input checked="" type="checkbox"/>	CQ	BERKOVITZ, et al., "Induction and Superinduction of Messenger Ribonucleic Acid Specific for Aromatase Cytochrome P-450 in Cultured Human Skin Fibroblasts", <u>J. Clin. Endocrinol. Metab.</u> , 74(3):629-634 (1992). (ABSTRACT)	
<input checked="" type="checkbox"/>	CR	BISAT, et al., "Influence of Cell Culture Conditions on Aromatase Activity in Human Genital Skin Fibroblasts", <u>In Vitro Cell Dev. Biol.</u> , 25(9):806-812 (1989). (ABSTRACT)	
<input checked="" type="checkbox"/>	CS	BOREL, et al., "Hormonal Control of the Metabolism of Collagen", <u>Pathol. Biol. (Paris)</u> , 32(7):795-812 (1984). (ABSTRACT)	
<input checked="" type="checkbox"/>	CT	BRENNER, S., and MATZ, H., "Improvement in Androgenetic Alopecia in 53-76-year-old Men Using Oral Finasteride", <u>Int. J. Dermatol.</u> , 38(12):928-930 (1999). (ABSTRACT)	
<input checked="" type="checkbox"/>	CU	BRODIE, A.M., et al., "Lack of Evidence for Aromatase in Human Prostatic Tissues: Effects of 4-Hydroxyandrostenedione and Other Inhibitors on Androgen Metabolism", <u>Cancer Res.</u> , 49(23):6551- 6555 (1989). (ABSTRACT)	
<input checked="" type="checkbox"/>	CV	CASSIDENTI, et al., "Effects of Sex Steroids on Skin 5 Alpha-Reductase Activity in Vitro", <u>Obstet. Gynecol.</u> , 78(1):103-107 (1991). (ABSTRACT)	
<input checked="" type="checkbox"/>	CW	CHEN, et al., "Activity of 17beta-(N-Alkyl/Arylformamido) and 17beta-[(N-alkyl/aryl) alkyl/arylamido]-4-Methyl-4-Aza-5alpha-Androstan-3-Ones as 5alpha-Reductase Inhibitors in the Hamster Flank Organ and Ear", <u>J. Invest. Dermatol.</u> , 111(2):273-278 (1998). (ABSTRACT)	
<input checked="" type="checkbox"/>	CX	CHEN, et al., "The 5 Alpha-Reductase System and Its Inhibitors. Recent Development and Its Perspective in Treating Androgen-Dependent Skin Disorders", <u>Dermatology</u> , 193(3):177-184 (1996). (ABSTRACT)	
<input checked="" type="checkbox"/>	CY	CHEN, et al., "Local and Systemic Reduction by Topical Finasteride or Flutamide of Hamster Flank Organ Size and Enzyme Activity", <u>J. Invest. Dermatol.</u> , 105(5):678-682 (1995). (ABSTRACT)	
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<input checked="" type="checkbox"/>	CA1	CUMMINGS, et al., "The Effect of Raloxifene on Risk of Breast Cancer in Postmenopausal Women: Results from the MORE Randomized Trial. Multiple Outcomes of Raloxifene Evaluation", <u>JAMA</u> , 281(23):2189-2197 (1999). (ABSTRACT)	
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✓ FO1	LOES, et al., "A 7-Year Study on Risks and Costs of Knee Injuries in Male and Female Youth Participants in 12 Sports", <u>Scand. J. Med. Sci. Sports</u> , 10(2):90-97 (2000). (ABSTRACT)
✓ CD1	DIANO, et al., "Aromatase and Estrogen Receptor Immunoreactivity in the Coronary Arteries of Monkeys and Human Subjects", <u>Menopause</u> , 6(1):21-28 (1999). (ABSTRACT)
✓ CE1	DIJKSTRA, et al., "Is Increased 5 Alpha-Reductase Activity a Primary Phenomenon in Androgen-Dependent Skin Disorders?", <u>J. Invest. Dermatol.</u> , 89(1):87-92 (1987). (ABSTRACT)
✓ CF1	DISTLER, W., "Urinary Incontinence--Taboo During Postmenopause", <u>Z. Arztl. Fortbild Qualitatssich.</u> , 94(3):211-215 (2000). (ABSTRACT)
✓ CG1	FUJIMOTO, et al., "Time-Dependent Biphasic Response of Aromatase to Dexamethasone in Cultured Human Skin Fibroblasts", <u>J. Clin. Endocrinol. Metab.</u> , 63(2):468-474 (1986).
✓ CH1	GOTTLIEB, et al., "Androgen Insensitivity", <u>Am. J. Med. Genet.</u> , 89(4):210-217 (1999).
✓ CI1	GIPS, et al., "Placental Steroid Metabolism in a Case of Placental Sulfatase Deficiency", <u>J. Endocrinol. Invest.</u> , 3(1):51-58 (1980). (ABSTRACT)
✓ CJ1	GRINO, et al., "Testosterone at High Concentrations Interacts with the Human Androgen Receptor Similarly to Dihydrotestosterone", <u>Endocrinology</u> , 126(2):1165-1172 (1990).
✓ CK1	HAMADA, et al., "The Metabolism of Testosterone by Dermal Papilla Cells Cultured from Human Pubic and Axillary Hair Follicles Concurs with Hair Growth in 5 Alpha-Reductase Deficiency", <u>J. Invest. Dermatol.</u> , 106(5):1017-1022 (1996). (ABSTRACT)
✓ CL1	HARADA, N., "A Unique Aromatase (P-450AROM) mRNA Formed by Alternative Use of Tissue-Specific Exons 1 in Human Skin Fibroblasts", <u>Biochem. Biophys. Res. Commun.</u> , 189(2):1001-1007 (1992). (ABSTRACT)
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✓ CN1	IIDA, et al., "Quantitative Comparison of Aromatase Induction by Dexamethasone in Fibroblasts From a Patient With Familial Cortisol Resistance and a Patient With Cortisol Hyperreactive Syndrome", <u>J. Clin. Endocrinol. Metab.</u> , 73(1):192-196 (1991). (ABSTRACT)
✓ CO1	ITAMI, et al., "Mechanism of Action of Androgen in Hair Follicles", <u>J. Dermatol. Sci.</u> , 7 Suppl:S98-103 (1994). (ABSTRACT)
✓ CP1	JACKSON, et al., "The Effect of Oestrogen Supplementation on Post-Menopausal Urinary Stress Incontinence: A Double-Blind Placebo-Controlled Trial", <u>Br. J. Obstet. Gynaecol.</u> , 106(7):711-718 (1999). (ABSTRACT)
✓ CQ1	KWAN, et al., "Effects of Sex Hormones on Mesangial Cell Proliferation and Collagen Synthesis", <u>Kidney Int.</u> , 50(4):1173-1179 (1996). (ABSTRACT)
✓ CR1	LABRIE, et al., ""Introcrinology"" Autonomy and Freedom of Peripheral Tissues", <u>Ann. Endocrinol. (Paris)</u> , 56(1):23-29 (1995). (ABSTRACT)
✓ CS1	LABRIE, F., "Introcrinology", <u>Mol. Cell Endocrinol.</u> , 78(3):C113-118 (1991). (ABSTRACT)

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<p style="text-align: center;">O I P E INFORMATION DISCLOSURE STATEMENT</p> <p style="text-align: right;">NOV 12 2002</p> <p style="text-align: right;">PATENT & TRADEMARK OFFICE</p>		DOCKET NO.:	SERIAL NO.:
		70301.56970	10/049,968
		APPLICANT(S):	
		WIELAND, et al.	
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